## 10th International Conference on Hard and Electromagnetic Probes of High-Energy Nuclear Collisions



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PHENIX has observed in A+A collision systems a large yield of low  $p_{\rm T}$  direct photon, as an indication of a hot strongly-coupled system being formed.

In recent years, data from small systems have revealed evidence for collective behavior in small systems. In such a scenario, we expect that the matter formed in small system also radiates thermal photons.

PHENIX is in an ideal position to search for thermal photon in small systems like p+Au, d+Au and He+Au. Recent results from most central p+Au collisions show a hint of excess of thermal photons over the p+p baseline.

In this poster, I will present the status of thermal photon measurements in small systems.

## Collaboration (if applicable)

PHENIX

Track

Electroweak Probes

## **Contribution type**

Poster

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